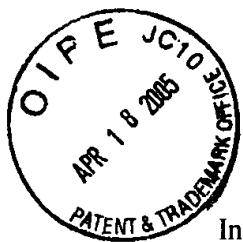


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**PATENT**  
Attorney Docket No. 224558  
Client Reference No. 306546.01

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Michael Shappell et al.

Group Art Unit: 2176

Application No. 10/692,501

Examiner: Not yet assigned

Filed: October 24, 2003

For: File Sharing In P2P Group Shared Spaces

### SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

**within** any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 of an international application; (c) before the mailing date of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

- after** (a), (b), (c) or (d) above, but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes *one* of:
  - the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).
- or*
- the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).
- after** the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and on or before payment of the issue fee, and includes the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).
- after** the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and **within** thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).

NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.

#### Copies of the References

- Copies of all of the references listed on the enclosed Form 1449 are enclosed herewith.
- Copies of U.S. patents and patent applications that are listed on the accompanying Form 1449 are not enclosed herewith. Copies of other references identified on the accompanying Form 1449 are enclosed herewith.
- Attached to each reference not in the English language is a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3). An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3).
- A copy of the foreign search report is enclosed herewith.
- The references listed on the enclosed Form 1449 were previously identified in the parent application(s) of the present application, and copies of the references were furnished at that time. Accordingly, additional copies of the references are not submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in

accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:

U.S. APPLICATIONS		Status ( <i>check one</i> )		
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
1.				
2.				
3.				

**Statement under 37 CFR 1.97(e)**

- The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.
- The **undersigned** hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

**Statement under 37 CFR 1.704(d)**

- The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

**Fees**

- No fee is owed by the applicant(s).
- The **IDS Fee of \$180** under 37 CFR 1.17(p) is enclosed herewith.

**Method of Payment of Fees**

- Attached is a check in the amount of \$ .
- Charge Deposit Account No. 12-1216 in the amount of \$ . (A duplicate copy of this communication is enclosed for that purpose.)

**Authorization to Charge Additional Fees**



If any additional fees are owed in connection with this communication, please charge Deposit Account No. 12-1216. (A duplicate copy of this communication is enclosed for that purpose.)

**Instructions as to Overpayment**



Credit Account No. 12-1216.



Refund



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Date: April 8, 2005

**CERTIFICATE OF MAILING**

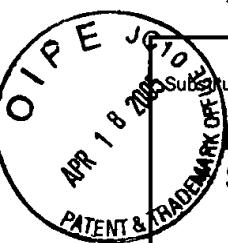
I hereby certify that this SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (along with any documents referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop , Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: April 8, 2005

Margaret J. DiGrazia

Please type a plus sign (+) inside this box →

PTO/SB/08A/B (08-03)  
Approved for use through 07/31/2006. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Substitute for form 1449A/B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

2

		Complete if Known	
Application Number	10/692,501		
Filing Date	October 24, 2003		
First Named Inventor	Michael Shappell		
Group Art Unit	2176		
Examiner Name	Not yet assigned		
Attorney Docket Number	224558		

### U.S. PATENT DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No.	U.S. Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Document Number	Kind Code			
C1	US- 2002-0097267	A1	07-25-2002	Dinan et al.		

### FOREIGN PATENT DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No.	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	Check if Translation Provided <sup>2*</sup>
		Office	Number	Kind Code				
C2	WO	01/20450	A1	03-22-2001	Daimler Chrysler AG			<input type="checkbox"/>
								<input type="checkbox"/>

### OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Check if Translation Provided <sup>2*</sup>
C3	BOUVIN, "Designing User Interfaces for Collaborative Web-Based Open Hypermedia," in <i>Proceedings of the Eleventh ACM Conference on Hypertext and Hypermedia</i> , pp. 230-231 (San Antonio, TX, 2000).		<input type="checkbox"/>
C4	BOYER et al., "Virtual Social Clubs: Meeting Places for the Internet Community," <i>IEEE International Conference on Multimedia Computing and Systems</i> , pp. 297-301 (Florence, Italy, June 7-11, 1999).		<input type="checkbox"/>
C5	CUGOLA et al., "Peer-to-Peer for Collaborative Applications," in <i>Proceedings of the 22<sup>nd</sup> International Conference on Distributed Computing Systems Workshops (ICDCS'02)</i> , pp. 359-364 (Vienna, Austria, July 2-5, 2002).		<input type="checkbox"/>

\* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

Examiner Signature	Date Considered
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box →

PTO/SB/08A/B (08-03)  
Approved for use through 07/31/2006. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<p>Substitute for form 1449A/B/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(Use as many sheets as necessary)</i></p>				<b>Complete if Known</b>	
				Application Number	10/692,501
				Filing Date	October 24, 2003
				First Named Inventor	Michael Shappell
				Group Art Unit	2176
Examiner Name	Not yet assigned				
Sheet	2	of	2	Attorney Docket Number	224558

<b>OTHER - NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials <sup>1</sup>	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Check if Translation Provided*
	C6	DOROHONCEANU et al., "A Desktop Design for Synchronous Collaboration," <i>in Proceedings of the Graphics Interface '99 (GI'99)</i> , pp. 27-35 (Kingston, Ontario, Canada, June 1999).	<input type="checkbox"/>
	C7	DUHR, "Oberflächenelemente in interaktiven und kooperativen anwendungen," Universität Oldenburg, Department of Information Systems Thesis (August 2000).	<input type="checkbox"/>
	C8	GARCÍA et al., "Extending a Collaborative Architecture to Support Emotional Awareness," <i>EBA4 '99 – Workshop on Emotion-Based Agent Architectures</i> , pp. 46-52 (May 2, 1999).	<input type="checkbox"/>
	C9	GREENBERG et al., "Using a Room Metaphor to Ease Transitions in Groupware," University of Calgary, Department of Computer Science, <i>Research Report 98/611/02</i> , 31 pages (1998).	<input type="checkbox"/>
	C10	GREENBERG, "Collaborative Interfaces for the Web," <i>in Human Factors and Web Development</i> , (Forsythe et al., eds.) Chapter 18, pp. 241-253, LEA Press, (1997).	<input type="checkbox"/>
	C11	GUTWIN, "Workspace Awareness in Real-Time Distributed Groupware," The University of Calgary, Department of Computer Science, Ph.D. Thesis, 270 pages (December 1997).	<input type="checkbox"/>
	C12	KINDBERG, "Mushroom: A Framework for Collaboration and Interaction Across the Internet," <i>in Proceedings of the Fifth ERCIM Workshop on CSCW and the Web</i> (St. Augustin, Germany, February 1996).	<input type="checkbox"/>
	C13	LEE et al., "Supporting Multi-User, Multi-Applet Workspaces in CBE," <i>In Proceedings of the ACM 1996 Conference on Computer Supported Cooperative Work</i> , pp. 344-353 (Cambridge, MA, 1996).	<input type="checkbox"/>
	C14	SCHMIDT et al., "A Generic System for Web-Based Group Interaction," <i>in Proceedings of the Thirty-First Hawaii International Conference on System Sciences</i> , Vol. I, pp. 545-554 (Kohala Coast, HI, January 6-9, 1998).	<input type="checkbox"/>

\* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

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Examiner Signature		Date Considered	
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.